

# Hempathane HS 55610

## Product description

Hempathane HS 55610 is a polyurethane topcoat cured with aliphatic isocyanate. It has a high volume solids and contains zinc phosphate making it ideal for protection of structures in corrosive environments. It can be applied direct to metal.

Hempathane HS 55610 is a VOC compliant two-component topcoat, with good gloss and color retention.

## Typical applications

May be specified as a one coat 'direct to metal' system in environments classified as C2 and C3.

This type of polyurethane has a high resistance to chemical leaks and spills. It is recommended as a topcoat for anticorrosive protection for industrial structures such as refineries, cellulosic plants, mines, exterior of storage tanks as well as in ports and ships.



Features	Benefits
Aliphatic polyurethane	High resistance in corrosive chemical environments
High gloss and color retention	Long term aesthetic performance
Fast curing, down to 14 °F/-10 °C	Increase productivity and constructability
Contains zinc phosphate	Good corrosion protection
Excellent application properties	Smoother surface promotes optimum performance and durability of the coating system
Low VOC	Low emission with reduced impact to the environment

## Physical constants

Physical constants	
Shade nos/colors:	White/10000. multi-tint
Finish:	Glossy
Volume solids, %:	67 ±1
Theoretical spreading rate:	268.7 sq.ft./US gallon [6.7m <sup>2</sup> /litre] 4 mils/100 micron
Flash point:	87.8 °F [31 °C]
Specific gravity:	12 lbs/US gallon [1.4 kg/litre]
Surface dry:	3 hour(s) approx. 68 °F/20 °C
Through dry:	8 hour(s) approx. 68 °F/20 °C
Fully cured:	7 day(s) 68 °F/20 °C
VOC content:	2.8 lbs/US gallon [336 g/L]

The physical constants stated are nominal data according to the Hempel Group's approved formulas.

## Typical specification

New building: C5-I/M, high durability (> 15 years)

Hempadur Avantguard 750 x 2.5 mils/60 microns

Hempadur Mastic 45880 x 8 mils/200 microns

Hempathane HS 55610 x 2.5 mils/60 microns

13 mils/320 microns

Highly resistant coating system for industrial and marine exposure. The system is specially recommended where the painting operation must proceed irrespective of the surrounding temperature.

Maintenance system:

Hempadur Mastic 45880 x 5.5 mils/140 microns

Hempathane HS 55610 x 2.5 mils/60 microns

8 mils/200 microns

A versatile maintenance system for urban and industrial atmospheres and coastal areas with low salinity.

One coat system direct to metal: C3, medium durability (5-15 years)

Hempathane HS 55610 x 5 mils/125 microns

Ideal one coat direct to metal system e.g. for line application of gas bottles, machines, containers, etc.



## More information is available on request

Other custom-built specifications are possible – please contact your local Hempel office.

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